

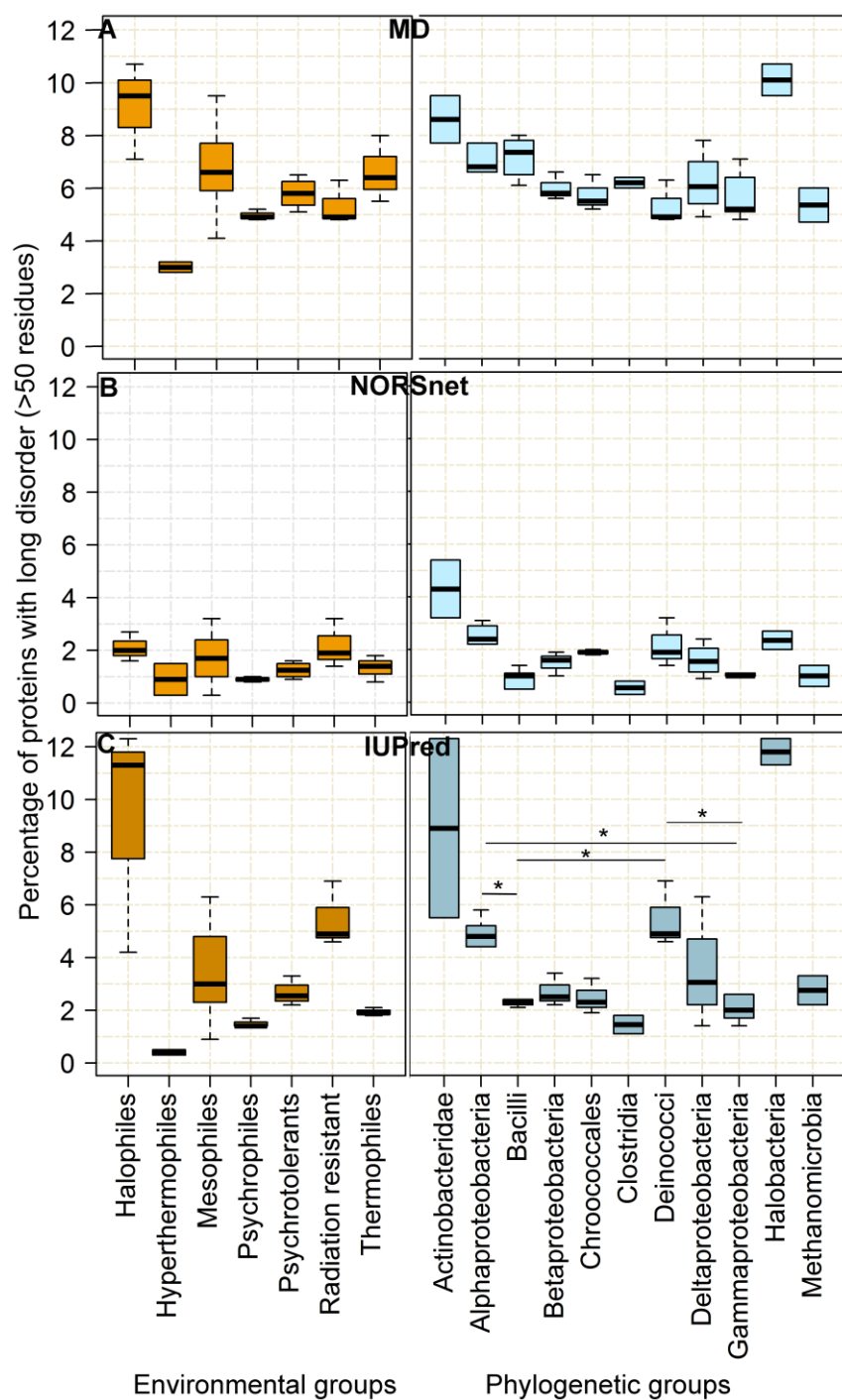
Fig. S7:

Fig. S7: Protein disorder content by environment or phylogeny for %long50. We represent the protein disorder content for the organisms in the same environment (environmental groups:

A, B and C left side) and those close in terms of evolutionary relation (phylogenetic groups: A, B and C right side). The y-axes give the percentage of proteins with at least one region of ≥ 50 consecutive residues predicted as disordered by MD (A), NORSnet (B) and IUPred (C). The x-axis on the left side marks the different environmental groups (Table S2) and on the right side marks the studied phylogenetic groups (Table S14). The groups which are significant for a paired Wilcoxon Test are marked with * ($P < 0.05$) or ** ($P < 0.005$).